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L4: Entry 2 of 2   File: DWPI   Oct 3, 1995

DERWENT-ACC-NO: 1995-372394
DERWENT-WEEK: 199548
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TITLE: Image display unit with colour balance adjustment - decomposes input video signals into chrominance and luminance components with colour decoding and conversion to RGB signals

PATENT-ASSIGNEE:
ASSIGNEE   CODE

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PRIORITY-DATA: 1994JP-0068111 (March 14, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 07255063 A	October 3, 1995		014	H04N009/73

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 07255063A	March 14, 1994	1994JP-0068111	

INT-CL (IPC): G02 F 1/133; G09 G 3/36; H04 N 5/202; H04 N 9/69; H04 N 9/73

ABSTRACTED-PUB-NO: JP 07255063A
BASIC-ABSTRACT:

The unit includes a decomposition device (10) which generates luminance signals (Y) and chrominance signals (C) from video input signals. The signals are decoded into colour difference signals and converted into RGB signals which are converted using a reverse-gamma converter. The colour temperature of external light is measured using a sensor (40) and the RGB image signals are adjusted for colour balance

ADVANTAGE - Generates see-through image with reduced colour imbalance between image on display unit and background.

CHOSEN-DRAWING: Dwg.1/21

TITLE-TERMS: IMAGE DISPLAY UNIT COLOUR BALANCE ADJUST DECOMPOSE INPUT VIDEO SIGNAL CHROMINANCE LUMINOUS COMPONENT COLOUR DECODE CONVERT RGB SIGNAL

DERWENT-CLASS: P81 P85 W03

EPI-CODES: W03-A04A; W03-A05C5; W03-A08B;

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1995-274509